OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 1 OF 13

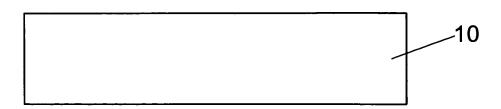


FIG. 1A

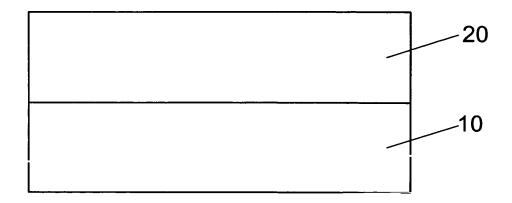


FIG. 1B

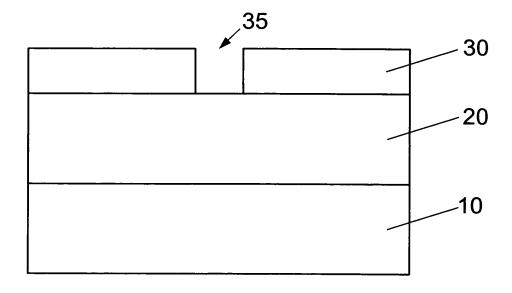


FIG. 1C

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOM et al. DOCKET #243414US6YA SHEET 2 OF 13

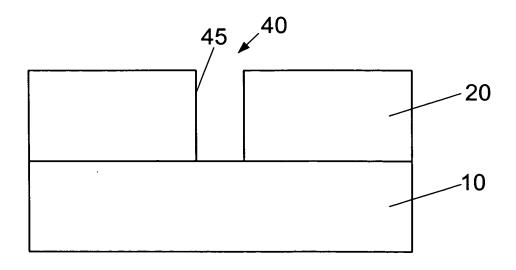


FIG. 1D

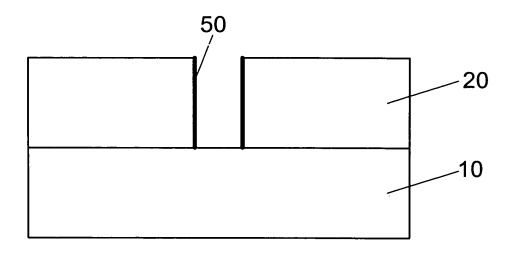


FIG. 1E

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 3 OF 13

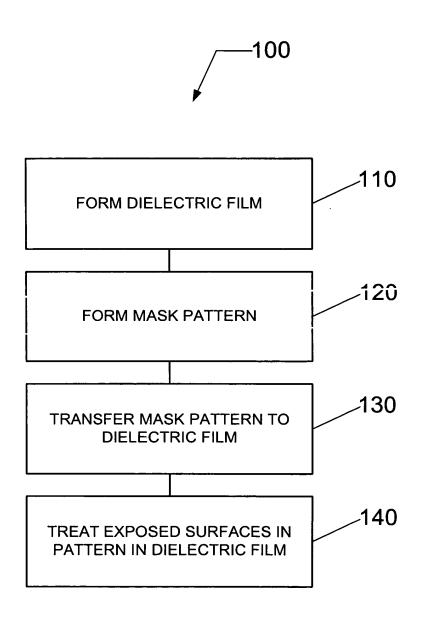


FIG. 2

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 4 OF 13

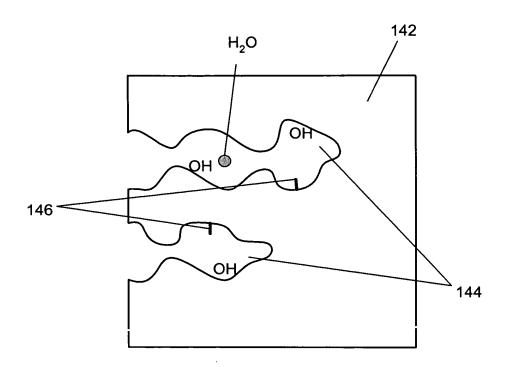


FIG. 3A

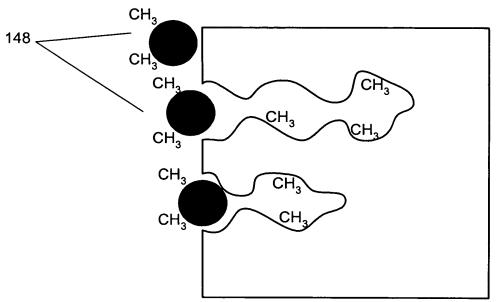


FİG. 3B

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 5 OF 13

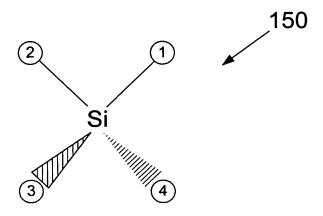


FIG. 4A

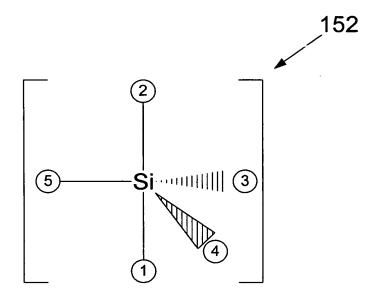


FIG. 4B

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA
SHEET 6 OF 13

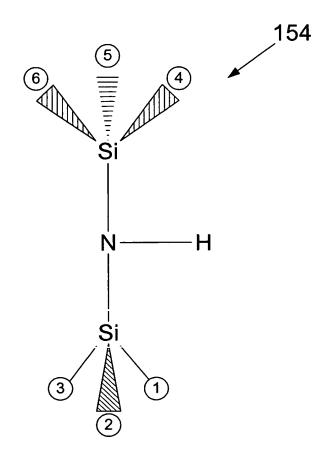


FIG. 4C

(1)
$$(CH_3)_3$$
 Si-NH-Si $(CH_3)_3$ +HO-Si $=_{(6)}$ \longrightarrow $(CH_3)_3$ \longrightarrow Si $=_{(6)}$ O $=$ Si $=_{(6)}$

(2)
$$(CH_3)_3$$
-SiNH_{2(g)} +(HO-Si) = (s) - CH₃)₃ - Si - O - Si = (s) + NH_{2(g)}

FIG. 4D

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 7_OF_13_

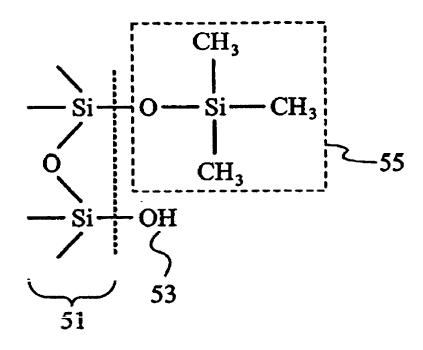


FIG. 4E

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 8 OF 13

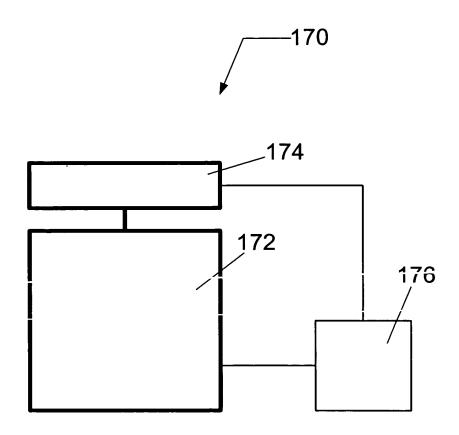


FIG. 5

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 9 OF 13

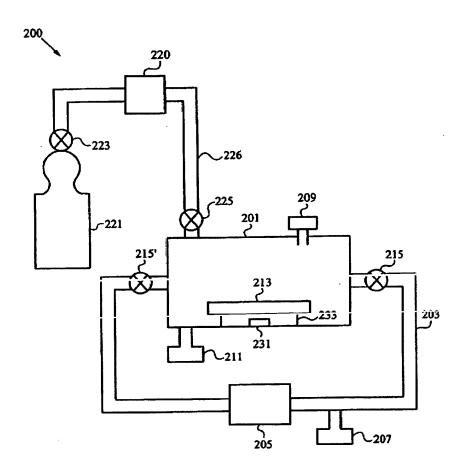
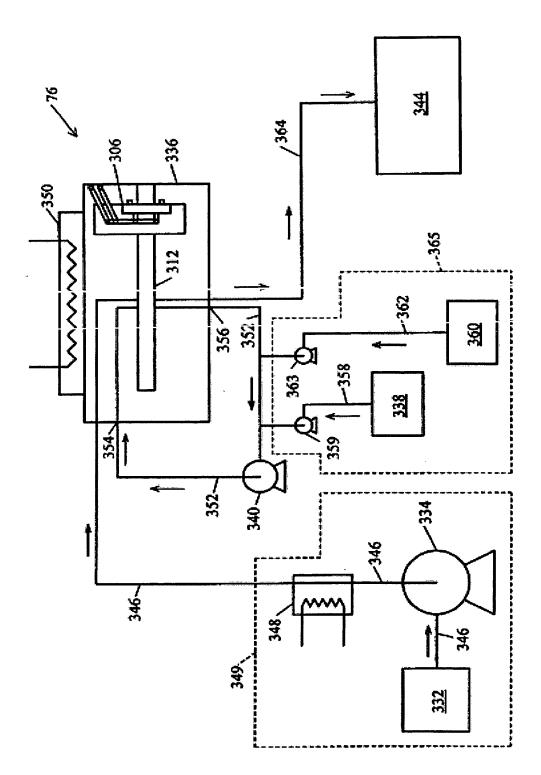


FIG. 6

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 10 OF 13



-1<u>G</u>. 7

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 11 OF 13

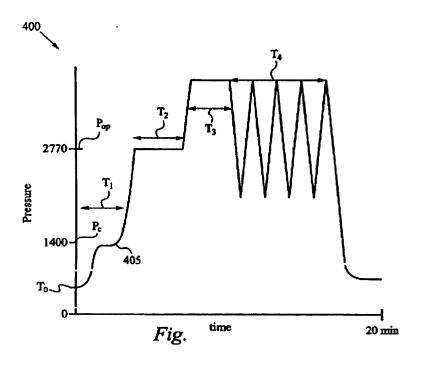


FIG. 8

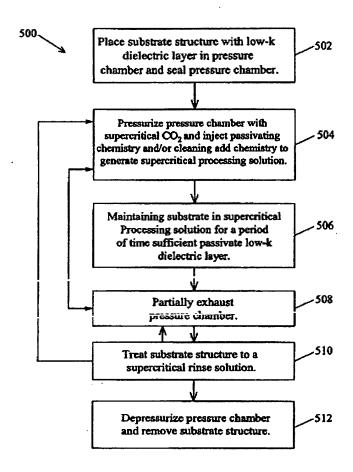


FIG. 9

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA
SHEET 13 OF 13

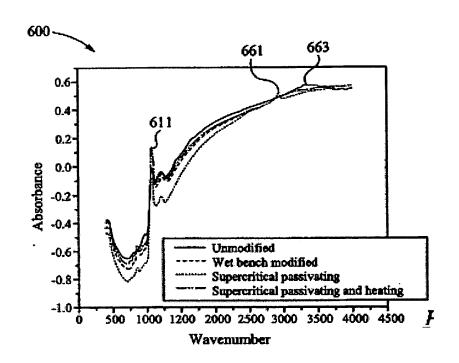


FIG. 10A

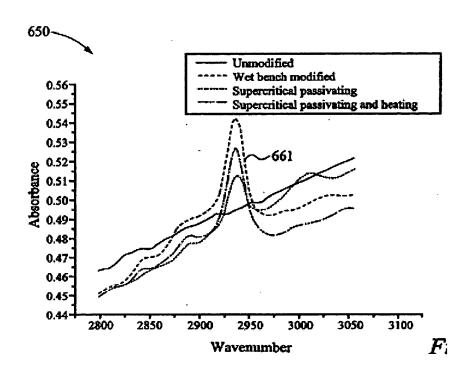


FIG. 10B